

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|-----------------|------------------|---------|------------------|
| L1 | 3352582 | window near\$5 shap\$3 near\$5 signal same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:52 |
| L2 | 3185232 | generat\$3 adj5 window near\$5 shap\$3 near\$5 signal same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:52 |
| L3 | 3181007 | generat\$3 adj1 window near\$5 shap\$3 near\$5 signal same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:53 |
| L4 | 1571231 | generat\$3 adj1 window adj1 shap\$3 near\$5 signal same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:53 |
| L5 | 0 | generat\$3 adj1 window adj1 shap\$3 adj1 signal same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:53 |
| L14 | 0 | generat\$3 adj1 window adj1 shap\$3 | US-PGPUB; USPAT | OR | ON | 2007/04/25 08:56 |
| L15 | 4 | window adj1 shap\$3 same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 09:05 |
| L16 | 28 | window near5 shap\$3 same frequency same carrier | US-PGPUB; USPAT | OR | ON | 2007/04/25 09:05 |
| L21 | 5614 | (RF or (radio adj frequency)) near4 switch same uwb or (ultra adj wide and band\$1) or (utlra adj wideband\$1) or ultrawideband or carrier-free or carrierless or (impulse near4 communication) | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:54 |
| L22 | 0 | 21 and (CMOS) near2 transsistors | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:33 |
| L23 | 375 | 21 and (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:33 |
| L24 | 5 | 23 and (455/62) | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:34 |
| L25 | 26 | (RF or (radio adj frequency)) near4 switch same (uwb or (ultra adj wide and band\$1) or (utlra adj wideband\$1) or ultrawideband or carrier-free or carrierless or (impulse near4 communication)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:53 |
| L26 | 12 | 25 and (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:40 |
| L27 | 3 | (RF or (radio adj frequency)) near3 switch same (multiple or plurality or two) near4 CMOS | US-PGPUB; USPAT | OR | ON | 2007/04/25 12:59 |

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| L28 | 192 | (RF or (radio adj frequency) adj switch) same (CMOS near2 transistor\$1) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:05 |
| L29 | 2 | 28 and (uwb or ultra\$1wideband or carrier\$1free or carrierless) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:03 |
| L30 | 0 | 28 and (455/62) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:05 |
| L31 | 0 | 28 and (375/130) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:05 |
| L32 | 4 | (RF or (radio adj frequency) adj switch) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:09 |
| L33 | 1 | ((RF or (radio adj frequency)) adj switch) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:08 |
| L34 | 4 | (RF or (radio adj frequency) near2 switch) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:10 |
| L35 | 1 | ((RF or (radio adj frequency)) near2 switch) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:10 |
| L36 | 1 | ((RF or (radio adj frequency)) same switch) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:11 |
| L37 | 4 | (RF or (radio adj frequency)) same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:13 |
| L38 | 50 | switch same ((three or plural\$3 or multiple or several) near3 (CMOS near2 transistor\$1)) | US-PGPUB; USPAT | OR | ON | 2007/04/25 13:12 |
| L39 | 3 | 38 and (RF) | US-PGPUB; USPAT | OR | ON | 2007/04/25 15:07 |
| L42 | 22 | (RF adj switch) with mixer with antenna | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:46 |
| L43 | 1 | 42 and (ultra\$1wideband or carrier\$1free or carrierless) | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:49 |
| L44 | 0 | 42 and (carrier\$1free or carrierless) | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:48 |
| L45 | 0 | 42 and (impulse near4 communicatio) | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:49 |

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| L46 | 0 | 42 and (impulse near4 communication) | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:49 |
| L47 | 1 | 42 and (wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/25 16:49 |
| L60 | 364078 | TINSLEY\$-KEITH R.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:50 |
| L61 | 0 | TINSLEY\$-KEITH.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:50 |
| L62 | 12 | TINSLEY\$-R.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:52 |
| L63 | 32 | HO\$-MINNIE.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:53 |
| L64 | 868 | GREEN\$-R.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:54 |
| L65 | 4 | GREEN\$-EVAN.inv. | US-PGPUB; USPAT | OR | ON | 2007/04/25 17:54 |
| S1 | 1941 | (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:15 |
| S2 | 1 | S1 and (carrier adj signal) same (select\$3 near frequency) same (window near function) | US-PGPUB; USPAT | OR | ON | 2007/04/19 15:42 |
| S3 | 1 | S1 and (window near function) same (sinusoidal) | US-PGPUB; USPAT | OR | ON | 2007/04/19 15:43 |
| S4 | 19 | S1 and (window near function) | US-PGPUB; USPAT | OR | ON | 2007/04/19 15:44 |
| S5 | 1 | S1 and (carrier near signal) same (window near function) | US-PGPUB; USPAT | OR | ON | 2007/04/19 15:44 |
| S6 | 2 | (ultra\$1wideband) same (carrier adj signal) same frequency and window | US-PGPUB; USPAT | OR | ON | 2007/04/19 16:38 |
| S7 | 14 | (ultra\$1wideband) same (carrier adj signal) same (frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/19 16:46 |
| S8 | 4 | (ultra\$1wideband) and (carrier adj signal) with ((select\$2 or fix\$2) near frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:07 |
| S9 | 1 | (ultra\$1wideband) and (carrier adj1 signal) with ((fixed or selected) near frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:09 |
| S10 | 0 | (ultra\$1wideband) and (carrier adj1 signal) with ((fixed) near frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:10 |
| S11 | 4 | (ultra\$1wideband) and (carrier adj1 signal) same ((fixed or selected) near frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:15 |
| S12 | 1 | (ultra\$1wideband) and (window adj1 function) same (sinusoidal) and (hamming or hanning or blackman) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:42 |

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| S13 | 1 | (ultra\$1wideband) and (window adj1 function) same (sine) and (hamming or hanning or blackman) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:17 |
| S14 | 76 | (window adj1 function) same (sine or sinusoidal) and (hamming or hanning or blackman) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:22 |
| S15 | 5 | S14 and (wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:22 |
| S16 | 1 | shap\$2 same (carrier adj signal) same (window adj function) same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:49 |
| S17 | 1 | (form\$2 or figur\$2) same (carrier adj signal) same (window adj function) same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:41 |
| S18 | 1 | (carrier adj signal) same (window adj function) same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:41 |
| S19 | 0 | (ultra\$1wideband) and shape near (carrier adj signal) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:43 |
| S20 | 1 | (ultra\$1wideband) and (shaping or fixing or figuring) near (carrier adj signal) | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:43 |
| S21 | 18 | S1 and (window adj function) and frequency | US-PGPUB; USPAT | OR | ON | 2007/04/19 17:48 |
| S22 | 1 | (ultra\$1wideband) and (signal near generat\$4) same (sine or sinusoidal) near (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 10:57 |
| S23 | 61 | (ultra\$1wideband) and (signal near generat\$4) same (sine or sinusoidal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 11:09 |
| S24 | 24 | S23 and window | US-PGPUB; USPAT | OR | ON | 2007/04/20 10:58 |
| S25 | 1 | (ultra\$1wideband) and (signal near generat\$4) same (sine or sinusoidal) near (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 11:12 |
| S26 | 1 | (signal near generat\$4) same (sine or sinusoidal) near (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 11:09 |
| S27 | 1 | (ultra\$1wideband) and (signal near generat\$4) same (sine or sinusoidal) same (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 11:13 |

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| S28 | 4 | (ultra\$1wideband) and (signal near generat\$4) same (sine or sinusoidal) and (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 12:42 |
| S29 | 1 | (ultra\$1wideband) and (signal near generat\$4) same (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 12:52 |
| S30 | 117 | (signal near generat\$4) same (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 12:58 |
| S31 | 39 | S30 and (sine or sinusoidal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 12:52 |
| S32 | 65 | (signal near generat\$4) with (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 12:59 |
| S33 | 1 | (ultra\$1wideband) and (signal near generat\$4) with (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:00 |
| S34 | 1 | (mixer or combiner) same (window adj function) same (carrier adj signal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:02 |
| S35 | 1 | (mixer or combiner) same (window\$2 adj function) same (carrier adj2 signal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:03 |
| S36 | 32 | (mixer or combiner) same (window\$2 adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:07 |
| S37 | 1 | (ultra\$1wideband) and (mixer or combiner) same (window\$2 adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:08 |
| S38 | 24 | (mixer or combiner) same (window\$2 adj function) same (carrier signal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:11 |
| S39 | 1 | (mixer or combiner) same (window\$2 adj function) same (carrier adj signal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:11 |
| S40 | 1 | (mixer or combiner) same (window\$2 adj function) same (multi\$1carrier) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:11 |
| S41 | 1 | (mixer or combiner) same (window\$2 adj function) and (multi\$1carrier) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:11 |
| S42 | 144 | (sine or sinusoidal) with (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:27 |
| S43 | 1 | S42 and (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:26 |
| S44 | 58 | (sine or sinusoidal) adj3 (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:34 |

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| S45 | 1 | (sine or sinusoidal) adj3 (window adj function) with mixer | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:34 |
| S46 | 1 | (sine or sinusoidal) adj3 (window adj function) same mixer | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:34 |
| S47 | 101 | (signal adj generat\$4) same (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:50 |
| S48 | 34 | S47 and (sine or sinusoidal) | US-PGPUB; USPAT | OR | ON | 2007/04/20 13:51 |
| S49 | 0 | generator near sinusoidal near window adj function | US-PGPUB; USPAT | OR | ON | 2007/04/20 14:50 |
| S50 | 3 | signal same sinusoidal near window adj function | US-PGPUB; USPAT | OR | ON | 2007/04/20 15:11 |
| S51 | 1 | "20050221760" | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:24 |
| S52 | 133 | ultra\$1wideband and mixer and CMOS | US-PGPUB; USPAT | OR | ON | 2007/04/20 17:21 |
| S53 | 2 | S52 and (window adj1 function) | US-PGPUB; USPAT | OR | ON | 2007/04/20 17:22 |
| S54 | 64 | (generat\$3) same (sinusoidal or sine) same (window adj function) | US-PGPUB; USPAT | OR | ON | 2007/04/21 11:53 |
| S55 | 6 | (RF near switch) same (P\$1FET) same (N\$1FET) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:23 |
| S56 | 8 | (RF near switch) and (P\$1FET) and (N\$1FET) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:25 |
| S57 | 4484 | (P\$1FET) and (N\$1FET) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:25 |
| S58 | 1 | S57 and (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:12 |
| S59 | 385 | S57 and (RF or (radio adj frequency)) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:30 |
| S60 | 180 | S59 and (voltage near source) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:48 |
| S61 | 298 | S59 and (voltage and gate and drain and source) | US-PGPUB; USPAT | OR | ON | 2007/04/21 13:49 |
| S62 | 58 | S57 and (wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:12 |
| S63 | 4 | (RF or (radio and frequency)) adj switch same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:17 |
| S64 | 1 | (RF or (radio and frequency)) adj switch same (gate) same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:18 |
| S65 | 1 | (RF or (radio and frequency)) adj switch same (gate) and (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:18 |

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| S66 | 628 | (RF or (radio and frequency)) same(ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:18 |
| S67 | 27 | (RF or (radio and frequency)) same gate same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:20 |
| S68 | 5 | (RF or (radio and frequency)) with gate same (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:20 |
| S69 | 8 | (single or double) same (mixer or combiner) same (cascade near amplifier\$2) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:31 |
| S70 | 1006 | (single\$1balance\$2 or double) near (mixer) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:32 |
| S71 | 591 | (single\$1balance\$2 or double\$1balance\$2) near (mixer) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:32 |
| S72 | 9 | S71 and (ultra\$1wideband) | US-PGPUB; USPAT | OR | ON | 2007/04/21 14:32 |
| S73 | 1 | "20040174928" | US-PGPUB; USPAT | OR | ON | 2007/04/21 15:48 |
| S74 | 73 | (RF adj switch) same (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/21 15:49 |
| S75 | 30 | (RF adj switch) same (CMOS) same transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 15:58 |
| S76 | 2 | (RF adj switch) same (compris\$3) same (CMOS) with transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 15:59 |
| S77 | 98 | (RF or (radio adj frequency) adj switch) same (compris\$3) same (CMOS) with transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:14 |
| S78 | 2 | (RF or (radio adj frequency)) adj switch same (compris\$3) same (CMOS) with transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:12 |
| S79 | 2037 | (RF or (radio adj frequency) adj switch) with (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:14 |
| S80 | 33 | (RF or (radio adj frequency)) adj switch with (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:21 |
| S81 | 4 | (RF or (radio adj frequency))near compris\$2 with (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:22 |
| S82 | 659 | (RF or (radio adj frequency)) near (CMOS) | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:22 |
| S83 | 2 | (RF or (radio adj frequency)) near (CMOS) adj transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:24 |
| S84 | 2 | (RF or (radio adj frequency)) near (CMOS) near transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:24 |
| S85 | 74 | (RF or (radio adj frequency)) with(CMOS) near transistors | US-PGPUB; USPAT | OR | ON | 2007/04/21 16:48 |
| S86 | 4 | (sinusoidal or sine) with (window adj shap\$3) same (frequency) | US-PGPUB; USPAT | OR | ON | 2007/04/21 18:20 |